

Amplified UHF/VHF/FM Indoor Antenna

OWNER'S MANUAL — Please read before using this equipment.

Your RadioShack Amplified VHF/UHF/FM Indoor Antenna's design includes a UHF director/reflector for more precise UHF reception, telescoping antenna elements for clearer VHF/FM reception, and a fine tuning control. The built-in amplifier boosts the received signals to your TV or FM receiver for the best picture and sound.

Its features include:

Built-In Solid-State Amplifier — boosts the input signals by up to 30 times to deliver the best possible signal to your FM receiver or TV.

High/Low Gain Selector — lets you select the amount of amplification to match your available signal.

12-Position Fine Tuning Control — lets you precisely tune the antenna to help eliminate ghosting and graininess in the picture.

UHF Loop Antenna — lets you easily tilt the antenna 180° and rotate it 360° for the best receiving angle for UHF channels.

Highly Conductive VHF/FM Dipole Antennas — extend to 39 inches in length and swivel 360° for easy adjustment.

Warning: This antenna is for indoor use only.

WARNING: To reduce the risk of fire or shock hazard, do not expose this product to rain or moisture.



CAUTION

RISK OF ELECTRIC SHOCK.
DO NOT OPEN.



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED PERSONNEL.



This symbol is intended to alert you to the presence of uninsulated dangerous voltage within the product's enclosure that might be of sufficient magnitude to constitute a risk of electric shock. Do not open the product's case.



This symbol is intended to inform you that important operating and maintenance instructions are included in the literature accompanying this product.

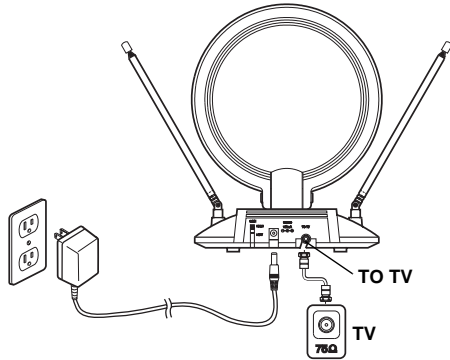
CONNECTIONS

The antenna connects to your TV or FM receiver using the supplied 75-ohm coaxial cable.

Follow these steps to connect the antenna's output to your TV (or FM receiver).

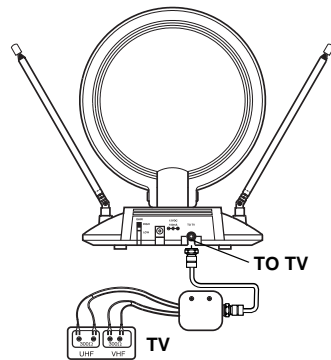
1. Place the antenna on top of the TV (or FM receiver) so it is close to the VHF terminal.

2. If your TV (or FM receiver) has an F-connector:



- Connect one end of the supplied coaxial cable to your TV (or FM receiver).
- Connect the other end of the cable to the antenna's **TO TV** jack.

If your TV set (or FM receiver) does not have an F-connector:



- Connect one end of the supplied coaxial cable to the F-connector in a transformer/splitter (not supplied).
- Connect the other end of the cable to the antenna's **TO TV** jack.
- Connect the transformer/splitter's brown 300-ohm twinlead to your TV's (or FM receiver's) VHF terminal screws.

- Connect the transformer/splitter's gold 300-ohm twinlead to your TV's (or FM receiver's) UHF terminal screws.

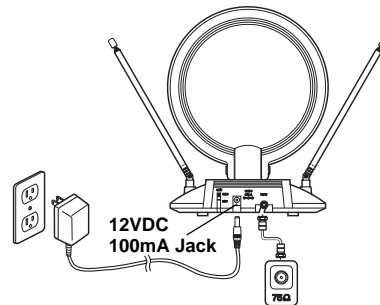
Cautions:



You must use a Class 2 power source that supplies 12V DC and delivers at least 100 mA. Its center tip must be set to positive and its plug must fit the antenna's **12VDC 100mA** jack. The supplied adapter meets these specifications. Using an adapter that does not meet these specifications could damage the antenna or the adapter.

- Always connect the AC adapter to the antenna before you connect it to AC power. When you finish, disconnect the adapter from AC power before you disconnect it from the antenna.

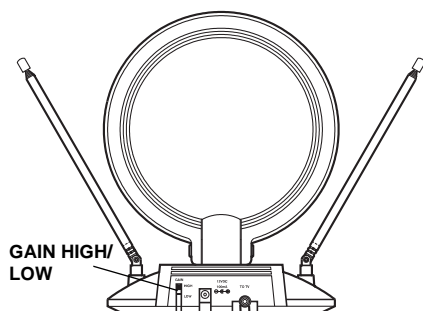
- Insert the supplied AC adapter's small barrel plug into the **12VDC 100mA** jack on the back of the antenna's base.



- Plug the AC adapter into a standard AC outlet.

OPERATION

1. Set **GAIN HIGH/LOW** on the back of the antenna's base to **HIGH** for weak or distant stations. The red indicator on top of the antenna's base lights to indicate that the antenna's amplifier has power.



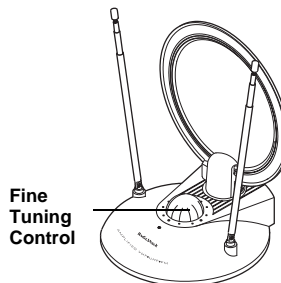
Set **GAIN HIGH/LOW** to **LOW** for strong or nearby stations, or when you are not using the antenna. The red indicator on top of the antenna's base turns off to indicate that power to the antenna's amplifier is turned off.

2. For the best VHF (Channels 2–13) and FM (88–108 MHz) reception:
 - a. Extend the telescoping antenna elements as follows:

VHF/FM	Extend To
2–6	Full length
7–13	About half length
FM	About half length

- b. Adjust the antenna elements outward or inward and/or forward or backward for the best picture and sound.

- c. Turn the fine tuning control to one of the 12 positions for the best picture.



3. For the best UHF (Channels 14–69) reception, turn the UHF loop antenna left or right and tilt it forward or backward for the best picture and sound.

CARE

Keep the antenna dry; if it gets wet, wipe it dry immediately. Use and store the antenna only in normal temperature environments. Handle the antenna carefully; do not drop it. Keep the antenna away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new.

Modifying or tampering with the antenna's internal components can cause a malfunction and might invalidate its warranty and void your FCC authorization to operate it. If your antenna is not performing as it should, take it to your local RadioShack store for assistance.

SPECIFICATIONS

Normal Gain

UHF.....	0 dB
VHF (Ch 2–6).....	4 dB
VHF (Ch 7–13).....	8 dB
FM.....	8 dB

Boost Gain

VHF, FM.....	15 dB
UHF.....	15 dB

Output Impedance 75 Ohm

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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